Form No. 3393-256 Rev A

TORO®

Count on it.

Parts Catalog

TR-34D Trench Roller

Model No. 68039—Serial No. 315000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3393-256 A

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1,6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HP: high pressure

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

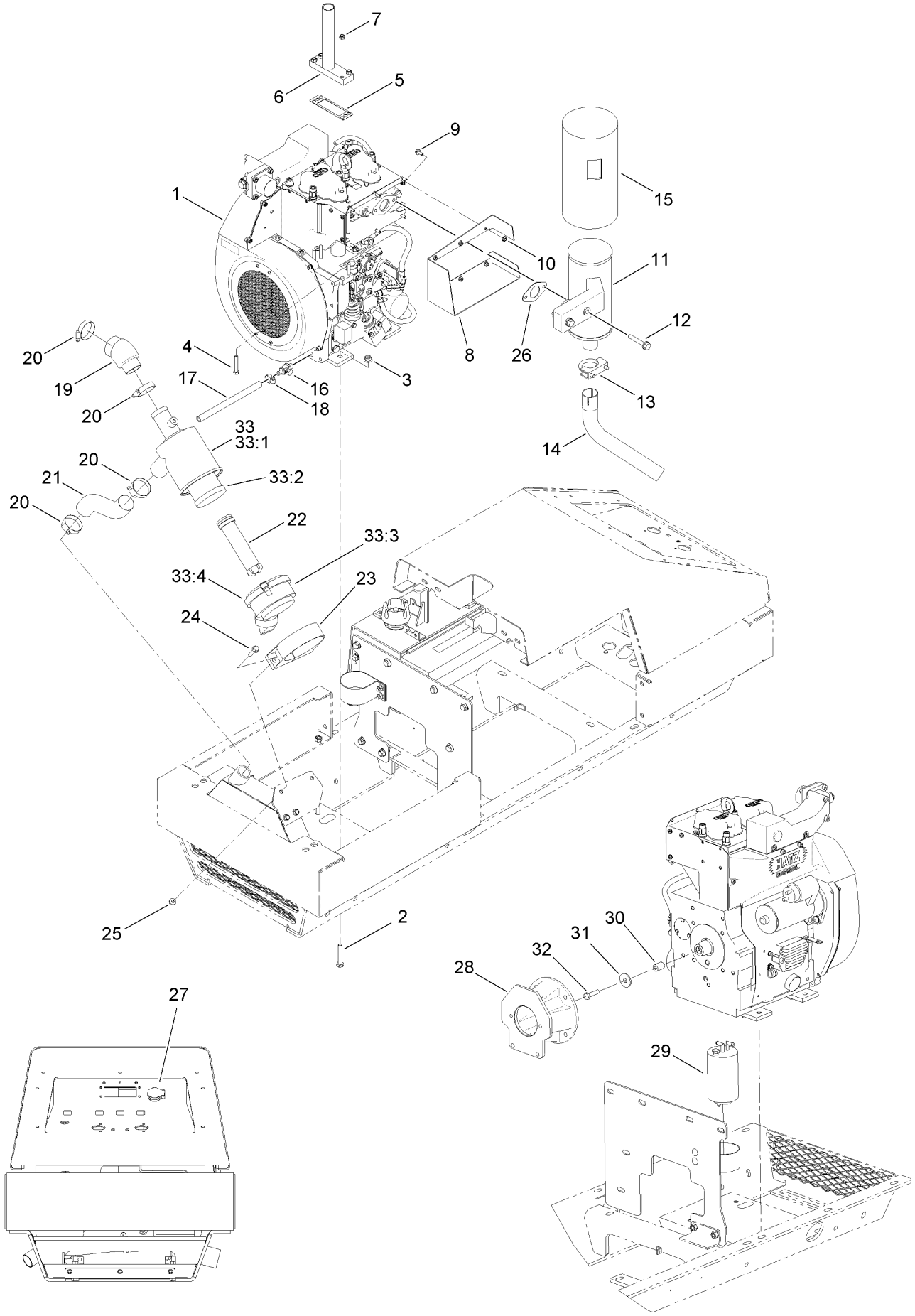
Contents

Engine, Air Cleaner and Muffler Assembly 4
Fuel Tank Assembly 6
Frame Assembly 8
Drum and Scraper Assembly 10
Parking Brake Assembly No. ST58161 12
Hydraulic Tank, Manifold and Pump Assembly 14
Return Filter Assembly No. ST39991 16
Hydraulic Manifold Assembly No. ST50269 18
Wheel Motor and Counter Balance Weight Assembly 20
Hydraulic Gear Motor Assembly No. ST58875 22
Battery and Control System Assembly 24
Junction Box Assembly No. ST48556 26
Electric Junction Box Assembly No. ST48558 28
Radio and Cable Assembly 30
Hydraulic Routing Assembly Main Frame 32
Hydraulic Routing Assembly Wheel Motor and Manifold 34
Hydraulic Routing Assembly Tank Assembly 36
Hood Assembly 38
Hood Latch and Wear Strip Assembly 40
Attachments and Accessories 42

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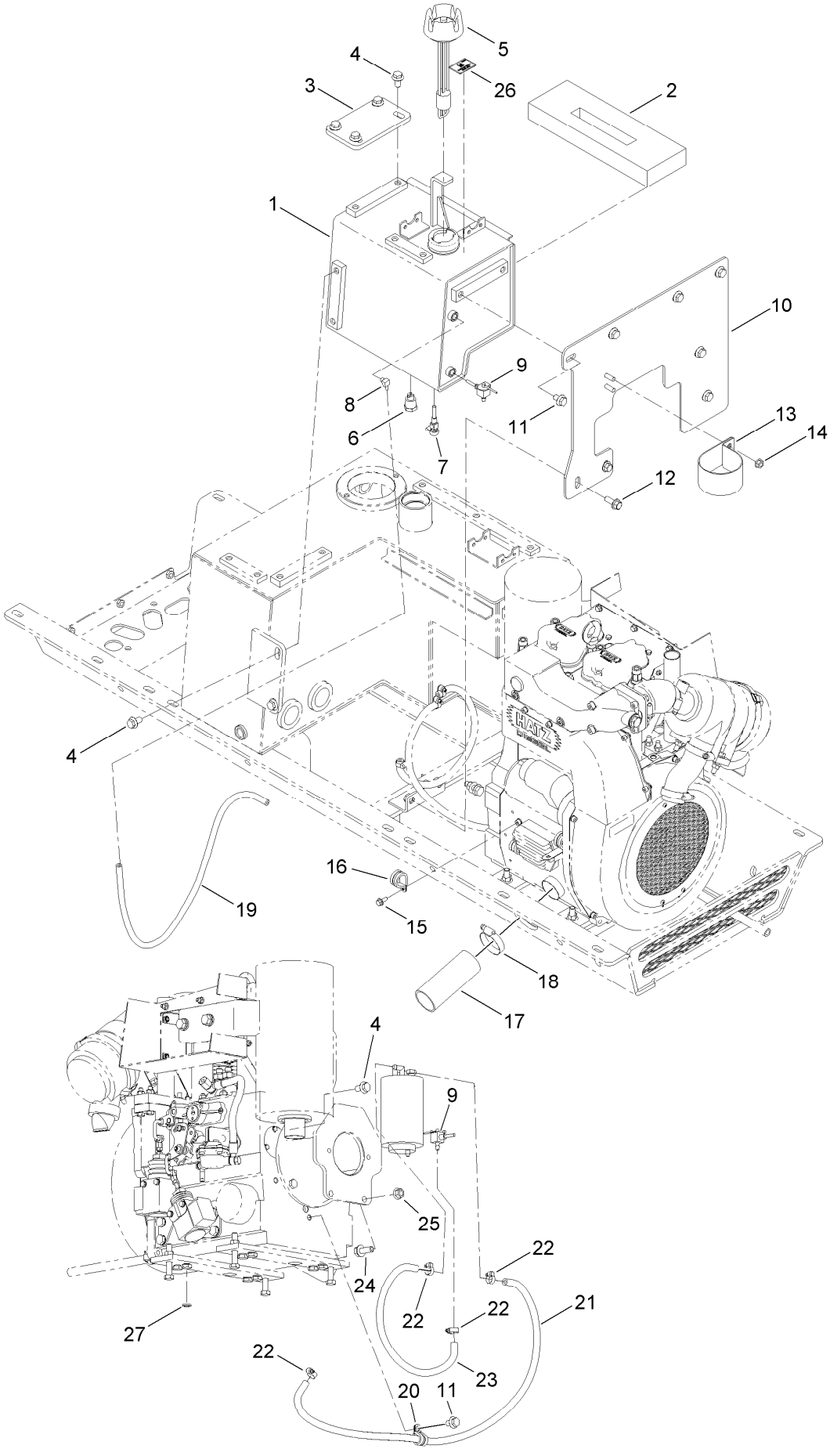
Engine, Air Cleaner and Muffler Assembly



Engine, Air Cleaner and Muffler Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-7553	1	Engine-Hatz
2	ST81032	4	Screw-HH
3	33005-00	5	Nut-HF
4	33114-050	2	Screw-HH
5	ST42976	1	Gasket-Filler, Oil
6	ST36541-03	1	Filler-Oil
7	33024-00	4	Nut-Lock, NI
8	ST36461-03	1	Ducting-Air, Out Extension
9	33103-016	6	Screw-HHF
10	33003-00	6	Nut-HF
11	ST39866	1	Muffler
12	33105-060	2	Screw-HHF
13	ST36779	1	Clamp-Muffler
14	ST39867	1	Tailpipe
15	ST31277	1	Blanket-Insulation, Exhaust
16	ST38680	1	Valve-Drain, Oil
17	ST36606	1	Hose
18	2412-36	1	Clamp-Hose
19	ST47445	1	Hose-Intake, Air, Engine
20	2412-130	4	Clamp-Hose
21	ST47448	1	Hose-Flex, Vacuum
22	98-2982	1	Filter-Element, Safety
23	ST39911	1	Band-Mounting, Air Cleaner
24	33104-035	2	Screw-HHF
25	33004-00	2	Nut-HF
26	125-6365	1	Gasket
27	ST36307	1	Switch-Ignition
28	ST30391	1	Housing-Mounting, Pump
29	ST30345	1	Filter-Fuel/Water Separator
30	125-6366	1	Insert-Thread
31	ST81262	1	Washer-Flat
32	ST80837	1	Screw-HH
33	ST36558	1	Air Cleaner ASM
33:1	ST39918	1	Cover-Air Cleaner
33:2	ST36559	1	Element-Filter, Air
33:3	125-6363	1	Cover-Latching
33:4	ST36560	1	Valve-Vacuator

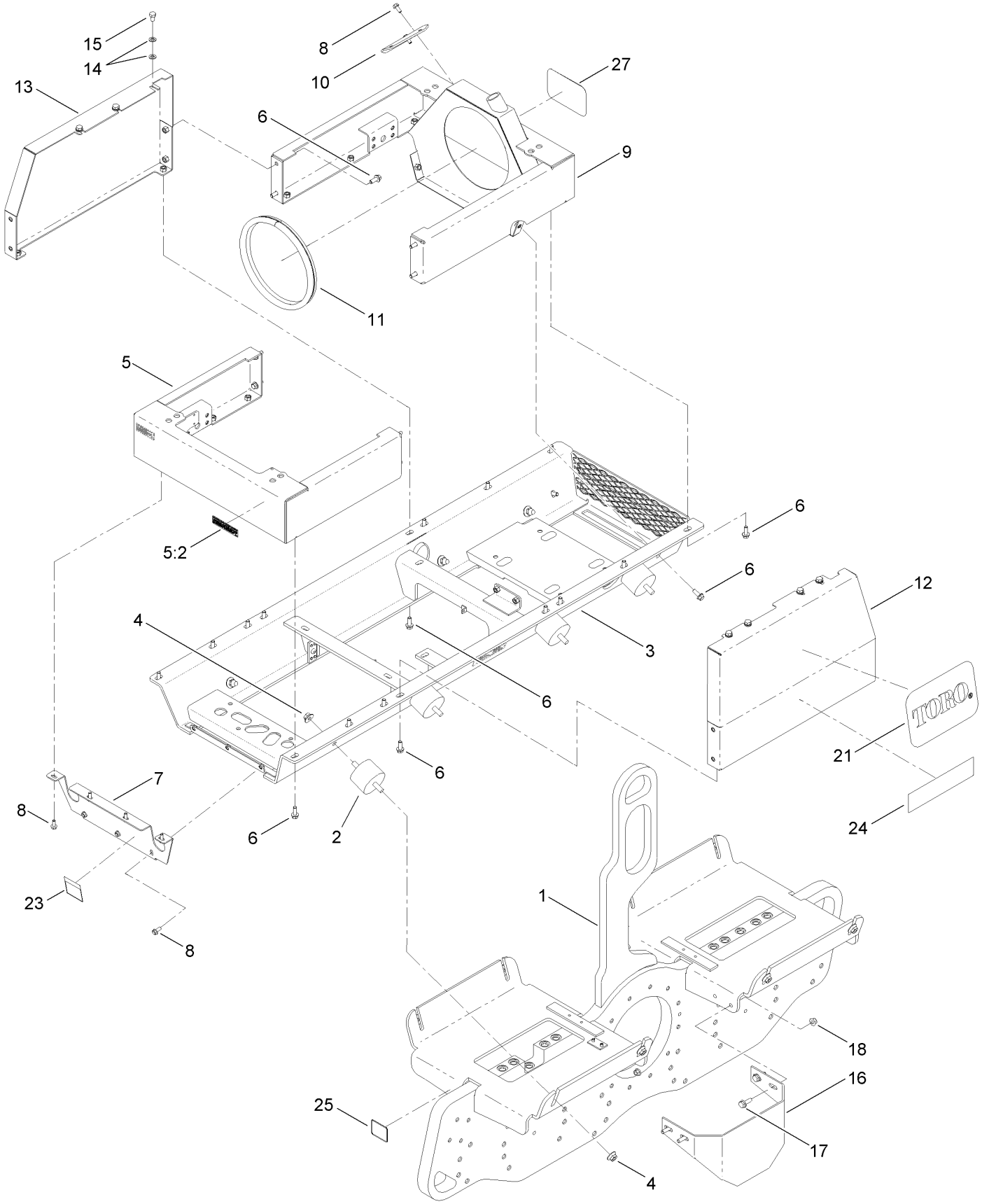
Fuel Tank Assembly



Fuel Tank Assembly (continued)

Ref.	Part Number	Qty.	Description
1	ST39865-03	1	Cell-Fuel Tank
2	ST47488	1	Isolator-Lifteye
3	ST36434-03	1	Plate-Mounting, HYD Fuel
4	33105-020	10	Screw-HHF
5	ST36718	1	Gauge-Fuel
6	ST46108	1	Plug-HH, Magnetic
7	ST46009	1	Valve And Strainer ASM
8	ST46365	1	Fitting-HYD, Elbow
9	ST39056	1	Valve-Strainer
10	125-8550-03	1	Shield-Heat
11	33105-016	7	Screw-HHF
12	3234-42	2	Screw-HHF
13	ST36544-03	1	Strap-Separator, Water
14	33004-00	2	Nut-HF
15	33103-016	2	Screw-HHF
16	ST36617	2	Clamp
17	ST47459	1	Hose-Breather
18	2412-130	1	Clamp-Hose
19	ST36778	1	Hose-Fuel, Return
20	ST35448	1	Clamp
21	125-8591	1	Hose-Fuel
22	2412-108	4	Clamp-Worm
23	110-5706	1	Hose-Fuel
24	33105-030	1	Screw-HHF
25	33005-00	5	Nut-HF
26	130-2845	1	Decal-Ultra Low Sulfur Diesel
27	ST81179	8	Washer-Flat

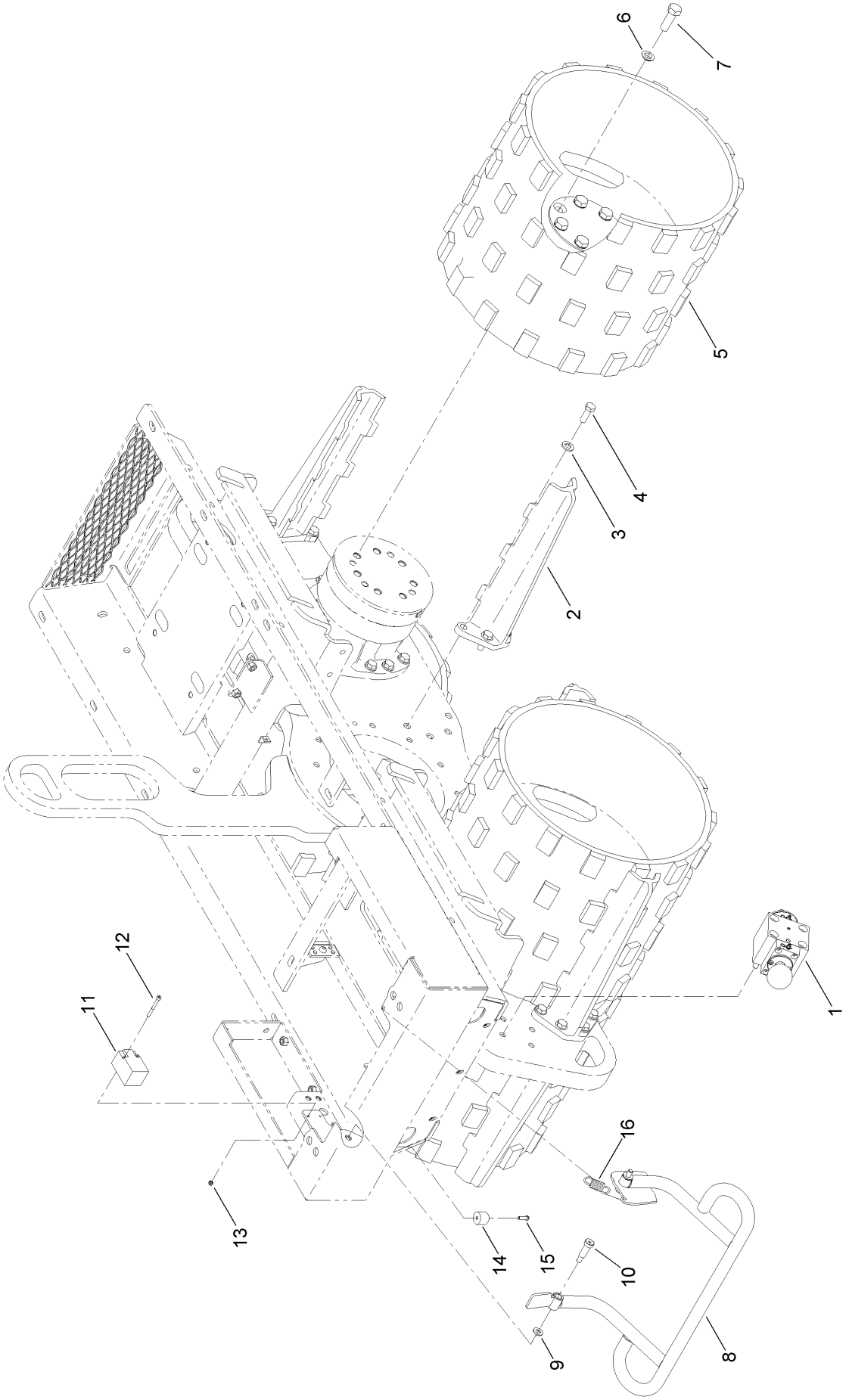
Frame Assembly



Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-6379	1	Frame-Lower
2	ST47443	8	Mount-Shock, Frame
3	125-8230-03	1	Frame-Upper
4	32128-56	16	Nut-HF
5	127-2870	1	Operator Hood Rail ASM
5:2	117-2718	1	Decal-Arrester, Spark
6	3234-42	26	Screw-HHF
7	ST39983-03	1	Cover-Frame, Lower (Back)
8	98-9940	9	Screw
9	125-6389-03	1	Rail-Hood, Engine
10	ST36483-03	1	Bracket-Mounting, Air Filter
11	ST47454	1	Seal-Inlet, Air
12	125-8224-03	1	Cover-Right
13	125-8225-03	1	Cover-Left
14	33095-00	14	Washer-Flat
15	33115-016	7	Screw-HH
16	ST57781-03	1	Guard-Motor, Eccentric
17	33105-030	4	Screw-HHF
18	33005-00	4	Nut-HF
21	105-4222	2	Decal
23	125-8189	1	Decal-Parking Brake
24	125-8186	2	Decal
25	125-6694	2	Decal-Tie Down
27	99-4693	1	Decal

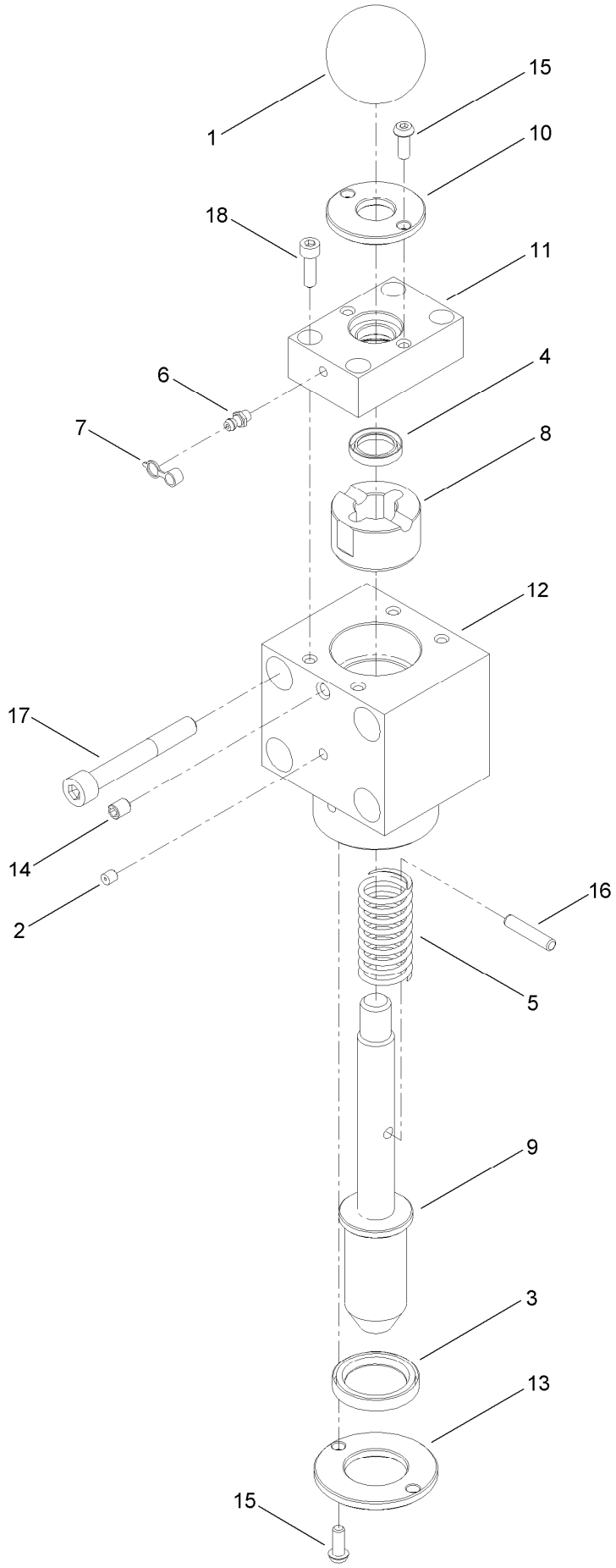
Drum and Scraper Assembly



Drum and Scraper Assembly (continued)

Ref.	Part Number	Qty.	Description
1	ST58161	1	Brake Parking ASM
2	ST39833-03	8	Scraper-Drum, Wide
3	33096-00	32	Washer-Flat
4	ST81029	32	Screw-HH
5	ST39821	4	Drum-Wide
6	ST36556	28	Spacer-Drum
7	ST80976	28	Screw-HH
8	ST37484-03	1	Bar-Safety
9	3256-24	2	Washer-Flat
10	ST81153	2	Screw-HSBH
11	ST48532	1	Switch-Proximity
12	ST81178	2	Screw-HSH
13	ST80850	2	Nut
14	ST48495	1	Bumper-Bar, Safety
15	ST80847	1	Screw-HSBH
16	ST39008	1	Spring-Extension

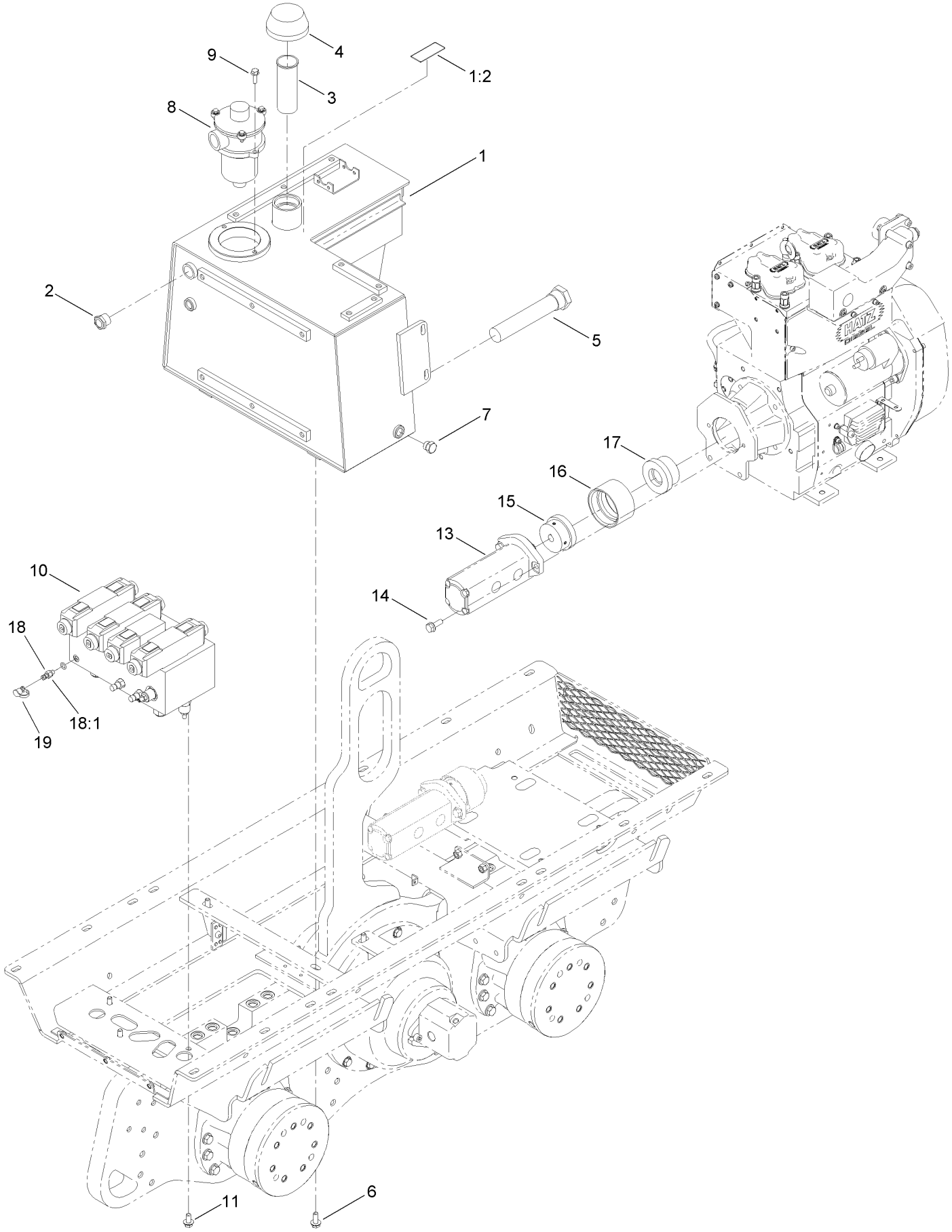
Parking Brake Assembly No. ST58161



Parking Brake Assembly No. ST58161 (continued)

Ref.	Part Number	Qty.	Description
1	ST32687	1	Knob-Ball
2	ST36696	1	Plug
3	ST36697	1	Seal-Lip
4	ST36698	1	Seal-Lip
5	ST36699	1	Spring-Compression
6	ST46042	2	Fitting-Grease
7	ST47001	2	Cap-Plug
8	ST58155	1	Bushing-Brake, Parking
9	ST58156	1	Piston-Brake Parking
10	ST58157	1	Cap-Upper, Brake Parking
11	ST58158	1	Housing-Upper, Brake Parking
12	ST58159	1	Housing-Lower, Brake Parking
13	ST58160	1	Cap-Lower, Brake Parking
14	ST80868	1	Screw-HSH, Set
15	ST81022	4	Screw-HSBH
16	107-8899	1	Pin-Dowel
17	ST81070	4	Screw-HSH
18	ST81213	4	Screw-HSH

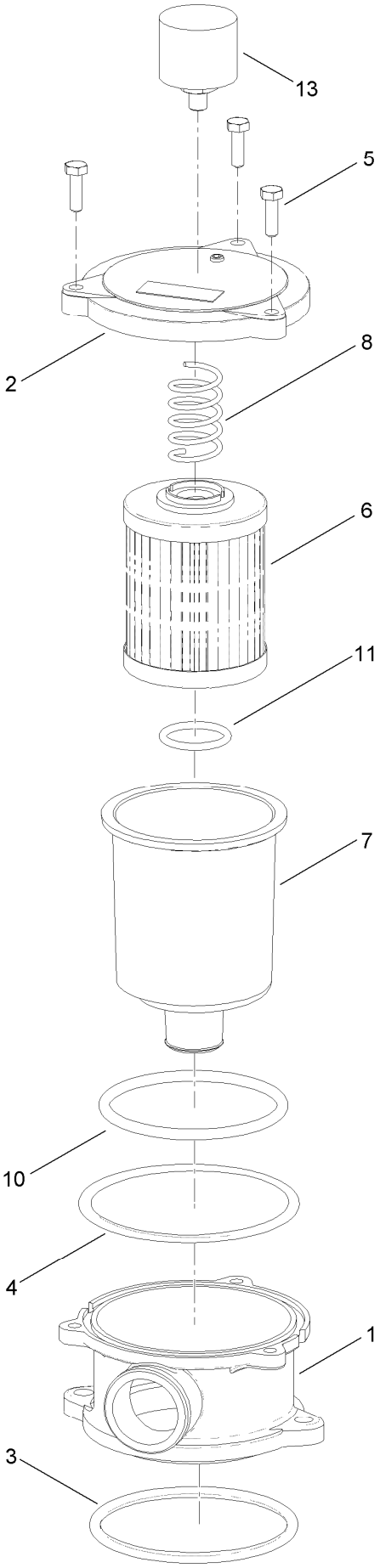
Hydraulic Tank, Manifold and Pump Assembly



Hydraulic Tank, Manifold and Pump Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-2873	1	HYD Tank ASM
1:2	125-4964	1	Decal-Caution, HYD Fluid
2	ST38534	1	Glass Sight ASM
3	ST46951	1	Basket-Strainer
4	ST46934	1	Breather-HYD
5	ST39088	2	Strainer
6	33105-025	4	Screw-HHF
7	ST46638	3	Plug
8	ST39991	1	Return Filter ASM
9	33104-025	2	Screw-HHF
10	ST50269	1	HYD Manifold ASM
11	33105-020	3	Screw-HHF
13	ST32656	1	HYD Triple Gear Pump ASM
14	33105-030	2	Screw-HHF
15	ST30632	1	Coupling
16	ST30634	1	Sleeve-Coupling
17	ST30633	1	Coupling
18	354-77	3	Fitting-Quick
18:1	237-78	1	O-Ring
19	354-79	3	Cap-Dust

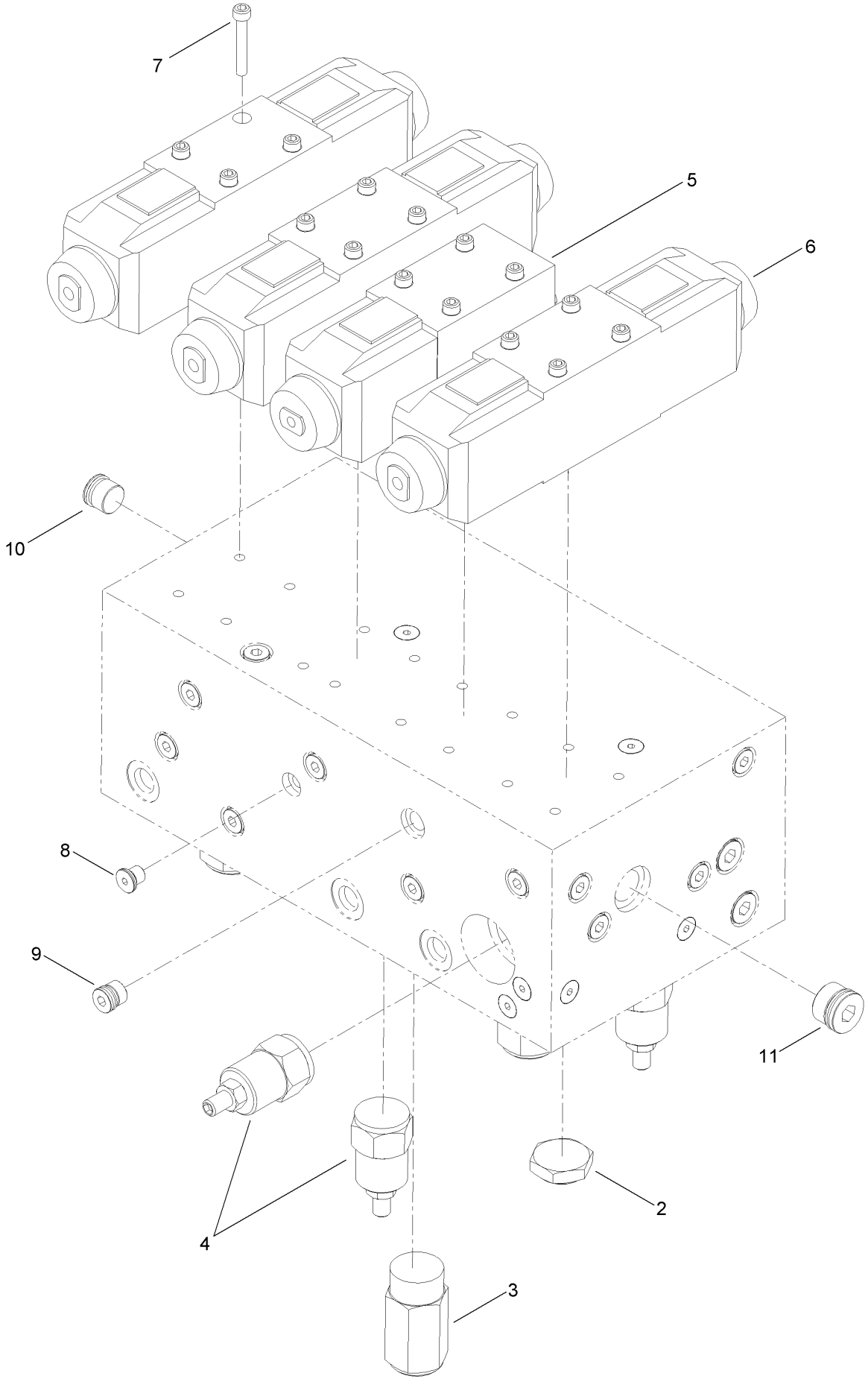
Return Filter Assembly No. ST39991



Return Filter Assembly No. ST39991 (continued)

Ref.	Part Number	Qty.	Description
1	ST39994	1	Housing-Head, Filter
2	ST39992	1	Cover-Filter
3	127-5550	1	O-Ring-Filter Head
4	127-5551	1	O-Ring-Filter Cover
5	33103-020	3	Screw-HHF
6	ST39993	1	Element-Filter, 10 Micron
7	ST39995	1	Bowl-Filter
8	127-5554	1	Spring-Compression
10	127-5552	1	O-Ring-Filter Bowl
11	127-5553	1	O-Ring-Filter Element
13	ST36987	1	Gauge-Indicator, Filter Clogging

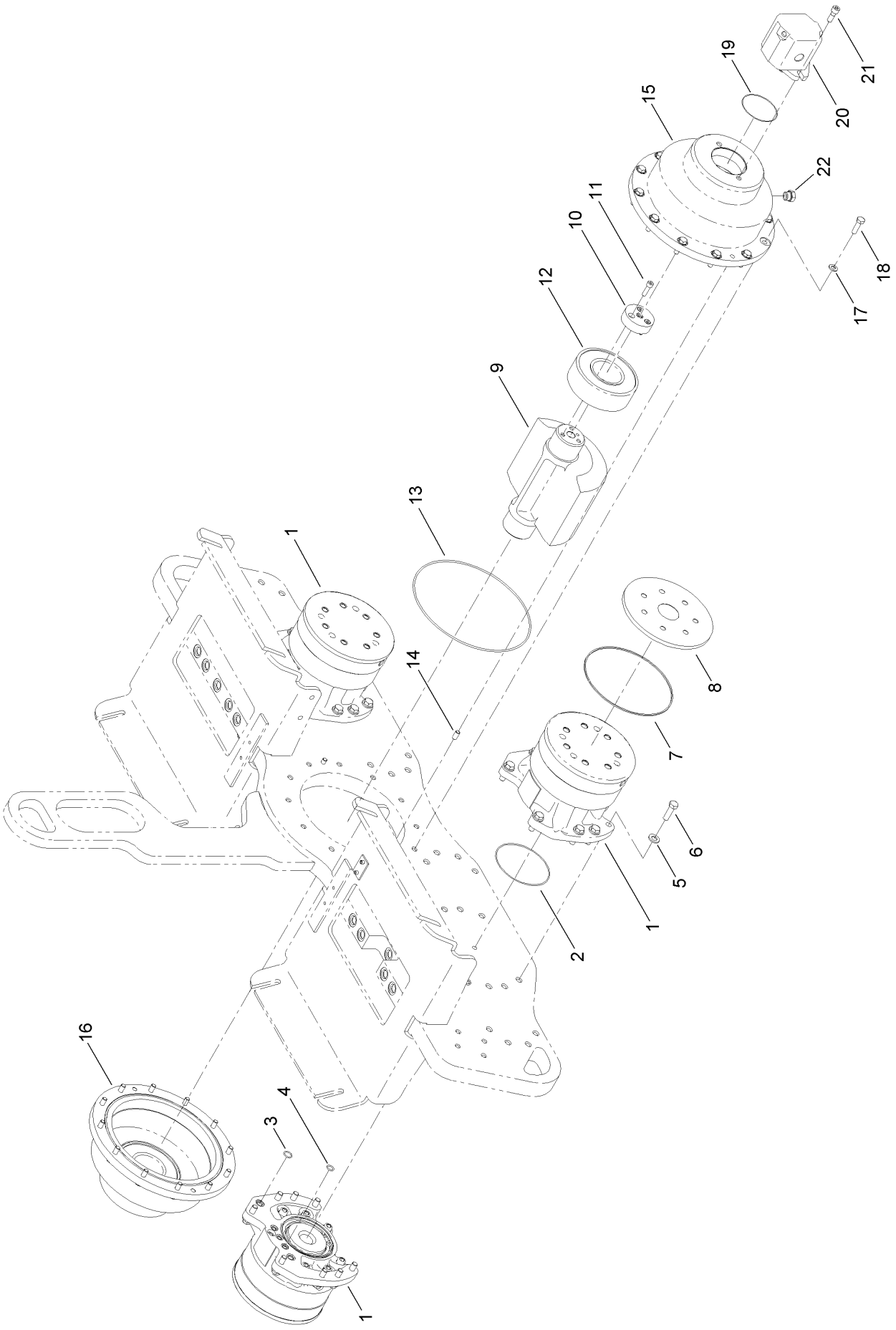
Hydraulic Manifold Assembly No. ST50269



Hydraulic Manifold Assembly No. ST50269 (continued)

Ref.	Part Number	Qty.	Description
2	127-7542	2	Valve-Check
3	127-7543	3	Valve-Relief
4	127-7544	4	Valve-Counterbalance
5	127-7545	1	Valve-Control, Directional
6	127-7546	3	Valve-Control, Directional
7	3274-13	16	Screw-HSH
8	106-1024	10	Plug-Leak, Zero
9	106-1025	26	Plug-HYD
10	106-1026	4	Plug-HYD
11	106-1027	1	Plug-HYD

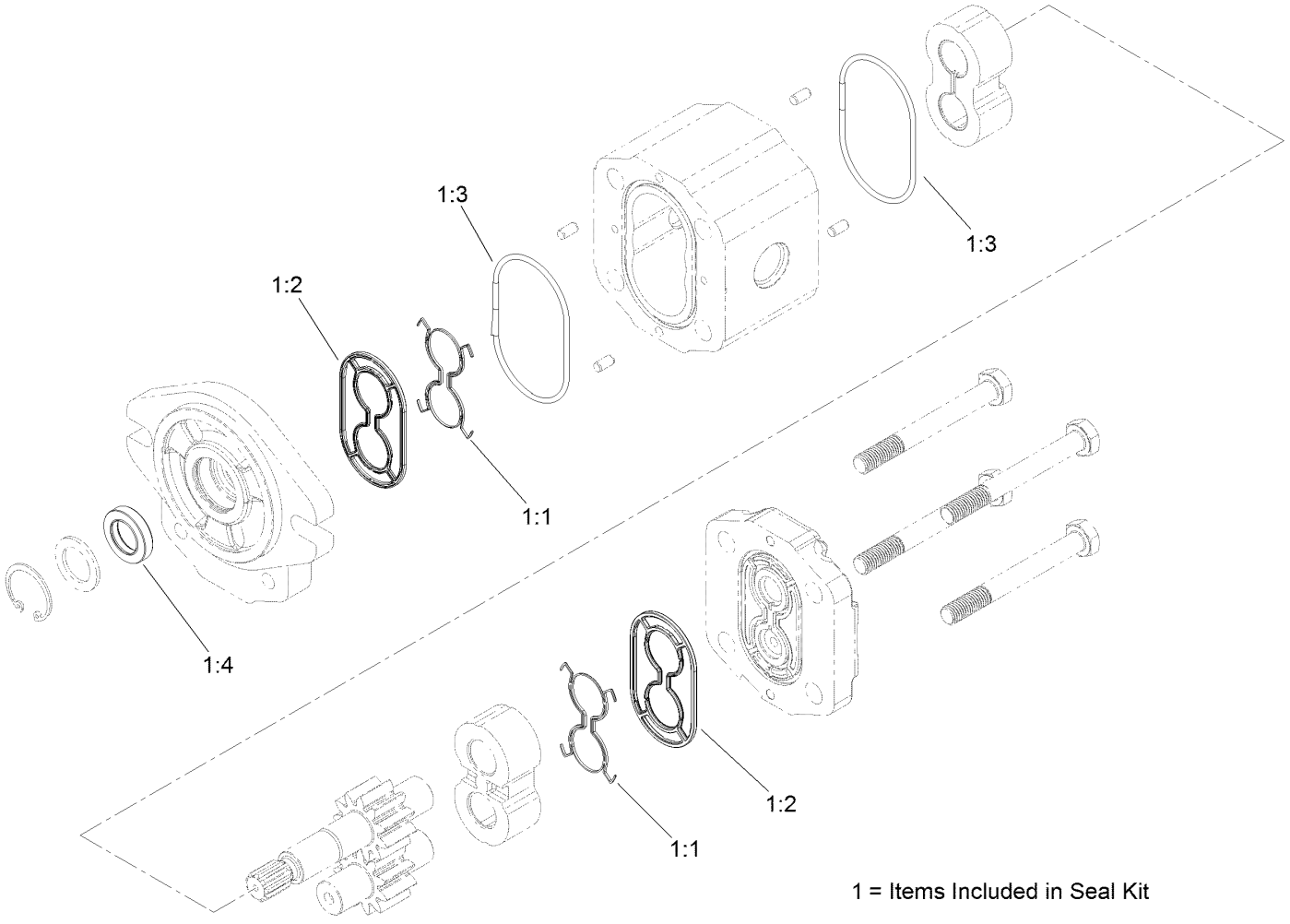
Wheel Motor and Counter Balance Weight Assembly



Wheel Motor and Counter Balance Weight Assembly (continued)

Ref.	Part Number	Qty.	Description
1	ST39871	4	HYD Motor ASM
2	ST47465	4	O-Ring
3	ST32299	8	O-Ring
4	ST47463	12	O-Ring
5	33096-00	32	Washer-Flat
6	ST81030	32	Screw-HH
7	ST47467	4	Seal-Lip, Blue
8	ST47466	4	Cover-Protector
9	ST57775	1	Weight-Counter, Eccentric
10	ST29266	1	Shaft-Extension, Eccentric
11	ST80711	3	Screw-HSH
12	ST32234	2	Bearing-Roller
13	ST39872	2	O-Ring
14	ST81001	4	Pin
15	ST57777	1	Cap-Motor, Eccentric
16	ST57776	1	Cap-End, Eccentric
17	33095-00	24	Washer-Flat
18	ST81027	24	Screw-HH
19	ST47301	1	O-Ring
20	ST58875	1	HYD Gear Motor ASM
21	ST80872	2	Screw-HSH
22	ST46638	3	Plug

Hydraulic Gear Motor Assembly No. ST58875



1 = Items Included in Seal Kit

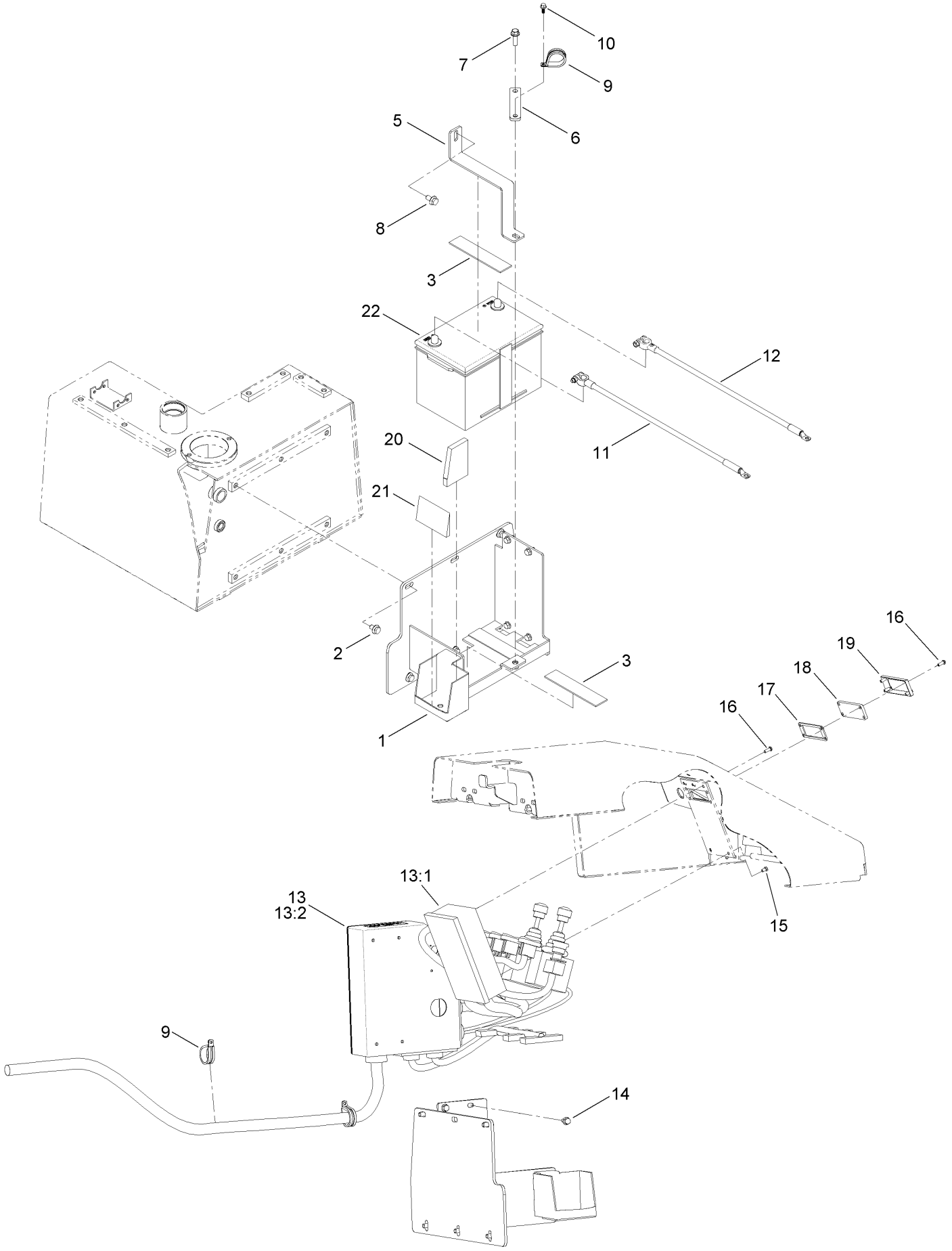
Hydraulic Gear Motor Assembly No. ST58875 (continued)

Ref.	Part Number	Qty.	Description
1	104-4284	1	Seal Kit ●
1:1		2	Seal (Cover) ■
1:2		2	Pressure Seal ■
1:3		2	O-Ring ■
1:4		1	Seal-Lip, Shaft ■

● Not illustrated

■ Not serviced separately

Battery and Control System Assembly

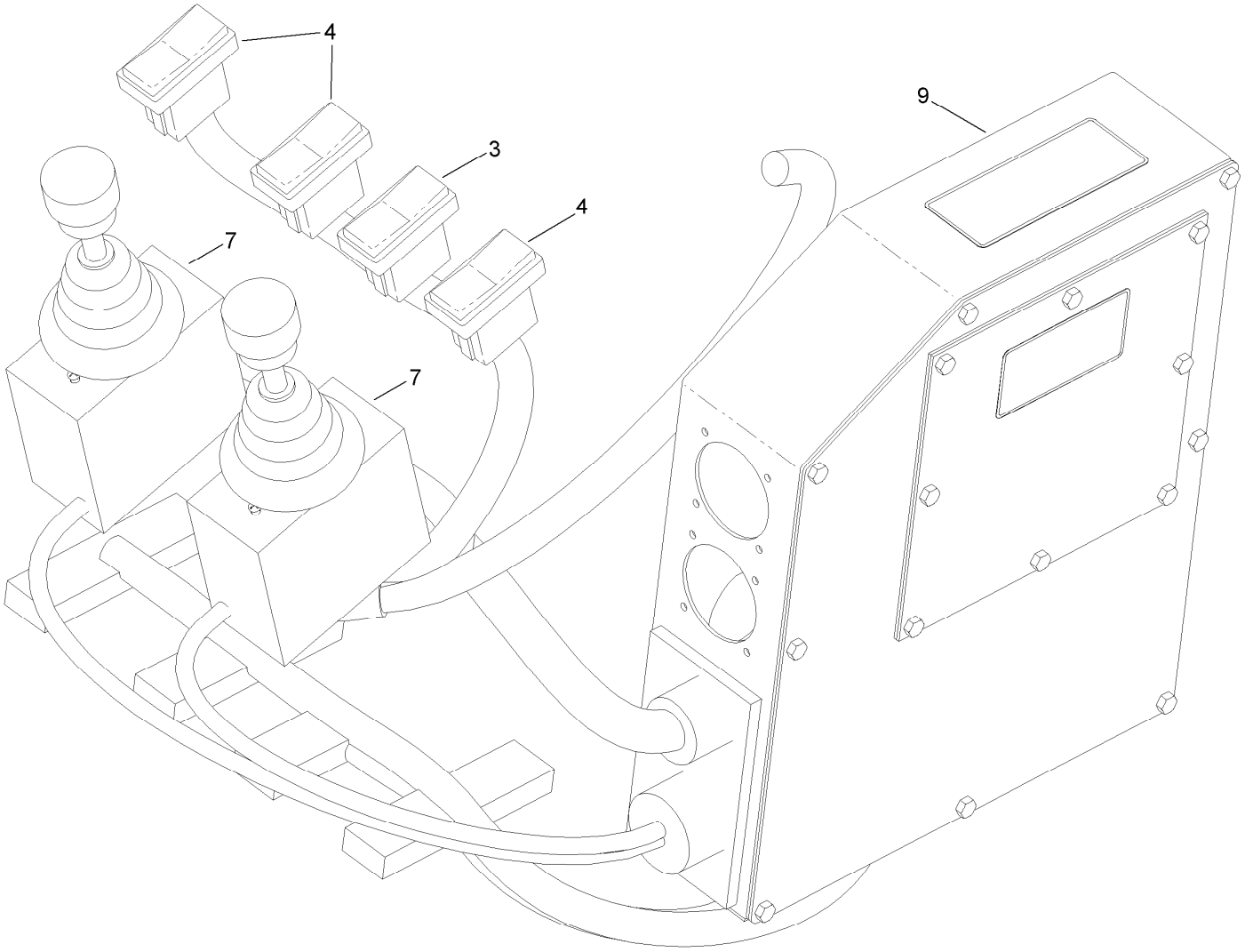


Battery and Control System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-8231-03	1	Panel-Electrical
2	33105-016	5	Screw-HHF
3	ST47244	4	Rubber
5	ST57908-03	1	Strap-Battery
6	125-8595-03	1	Bracket-Wire Harness
7	119-4061	1	Screw-HHF
8	33105-020	1	Screw-HHF
9	ST36630	3	Clamp
10	99-6810	1	Screw-HHF
11	127-7519	1	Cable-Battery, Negative
12	127-7518	1	Cable-Battery, Positive
13	130-2840	1	Control System Kit
13:1	ST48554	1	Box-Control Ignition, Electronic
13:2	ST48556	1	Junction Box ASM
13:3	ST48647	1	Harness-Wire ●
14	33104-016	4	Screw-HHF
15	42-9430	2	Screw-HH
16	ST81022	7	Screw-HSBH
17	ST36515	1	Gasket-Cover
18	ST36514	1	Cover
19	ST36627	1	Cover-Lens
20	ST36613	2	Pad-Foam
21	ST36614	2	Pad-Foam
22	ST32727	1	Battery-Dry Cell

● Not illustrated

Junction Box Assembly No. ST48556

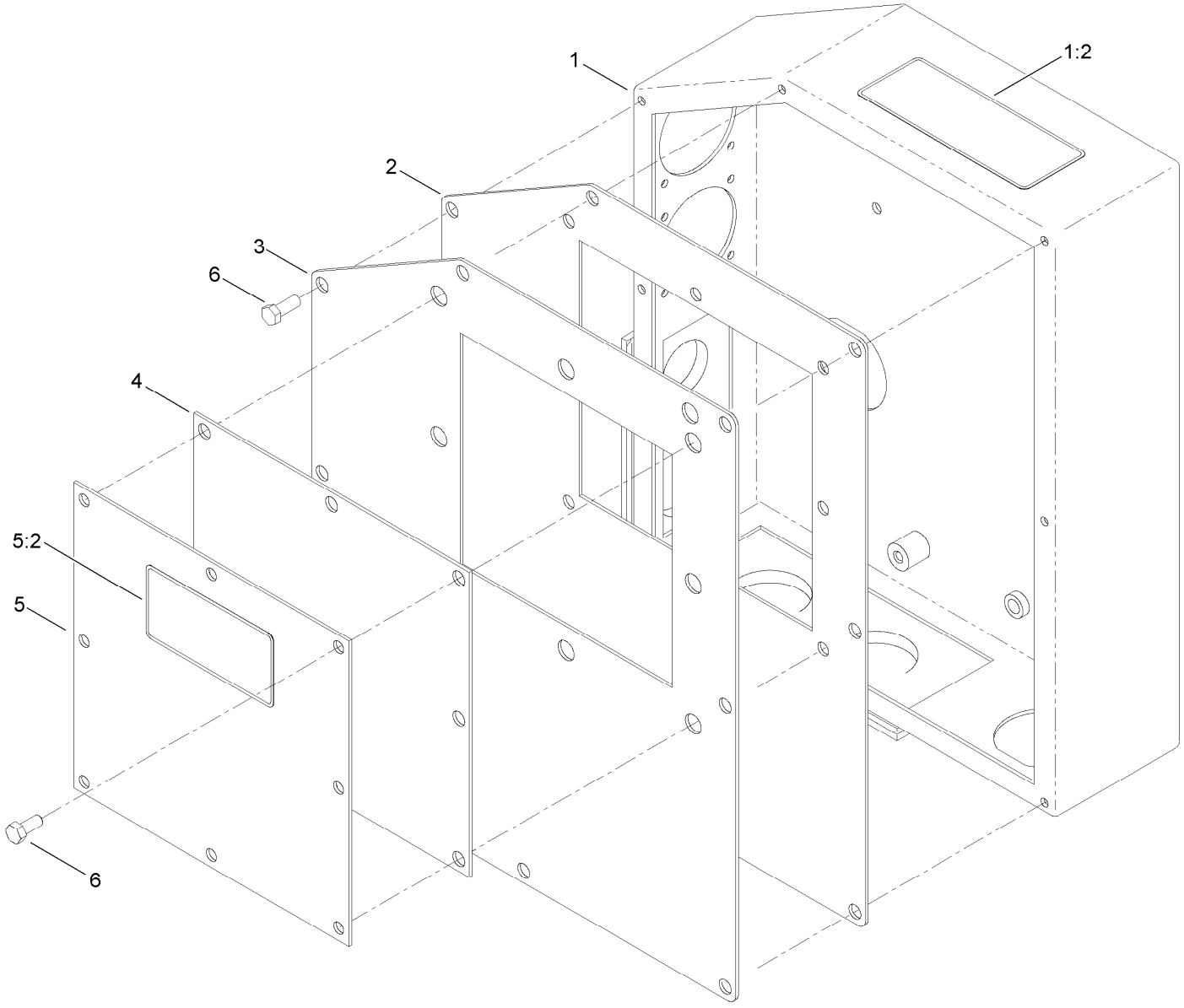


Junction Box Assembly No. ST48556 (continued)

Ref.	Part Number	Qty.	Description
1	ST37076	1	Fuse-10 Amp ●
2	1-643275	1	Relay ●
3	ST48439	1	Switch-Rocker, 3 Position
4	ST48440	3	Switch-Rocker, 2 Position
5	ST48524	1	Fuse-30 Amp ●
6	ST48526	1	Fuse-1 Amp ●
7	ST48557	2	Controller-Joystick
8	127-7576	1	Cable-Switch, Proximity ●
9	ST48558	1	Box-Junction, Electric
10	127-5599	7	Harness-Wire, Solenoid ●
11	127-2848	1	Switch-Angle 45Degree ●

● Not illustrated

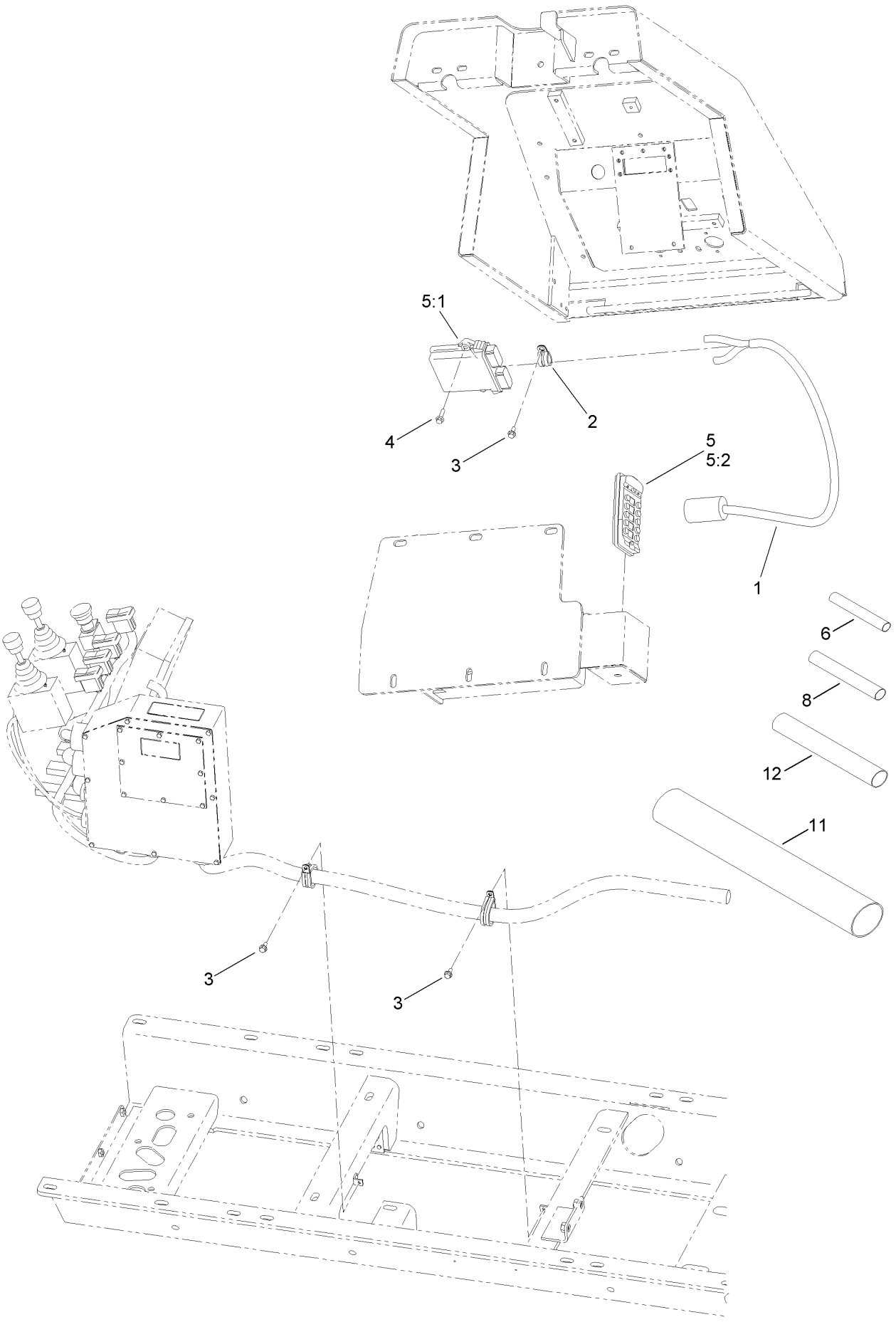
Electric Junction Box Assembly No. ST48558



Electric Junction Box Assembly No. ST48558 (continued)

Ref.	Part Number	Qty.	Description
1	127-2875	1	Electric Junction Box
1:2	125-8187	1	Decal-Caution, Electronics
2	ST48455	1	Gasket-Box, Junction (Main)
3	ST48454	1	Cover-Box, Junction (Main)
4	ST48457	1	Gasket-Box, Junction (Auxillary)
5	127-2874	1	Auxillary Electric Cover ASM
5:2	125-8188	1	Decal-Caution, Fuse Replacement
6	ST81037	16	Screw-HH

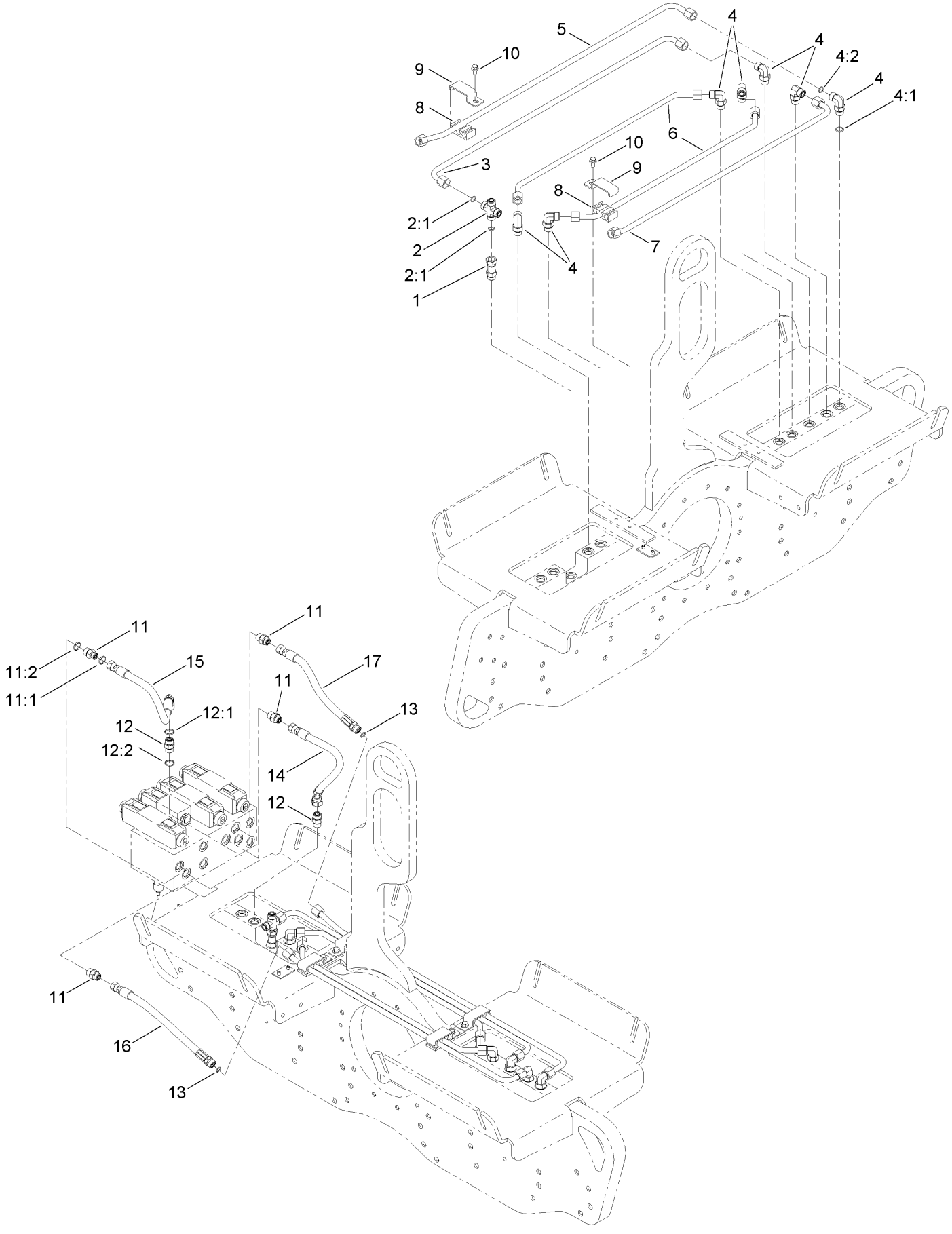
Radio and Cable Assembly



Radio and Cable Assembly (continued)

Ref.	Part Number	Qty.	Description
1	ST48560	1	Cable ASM
2	ST35448	1	Clamp
3	33103-016	3	Screw-HHF
4	33103-025	2	Screw-HHF
5	ST23672	1	Omnex Radio Kit
5:1	ST48553	1	Receiver-Bulldog
5:2	ST48598	1	Transmitter
6	ST47596	2	Tubing-Shrink, Heat (3/8In Id)
8	ST47598	1	Tubing-Shrink, Heat (3/4In Id)
11	ST47590	1	Tubing-Shrink, Heat (3In Id)
12	ST47595	2	Tubing-Shrink, Heat (1.5In Id)

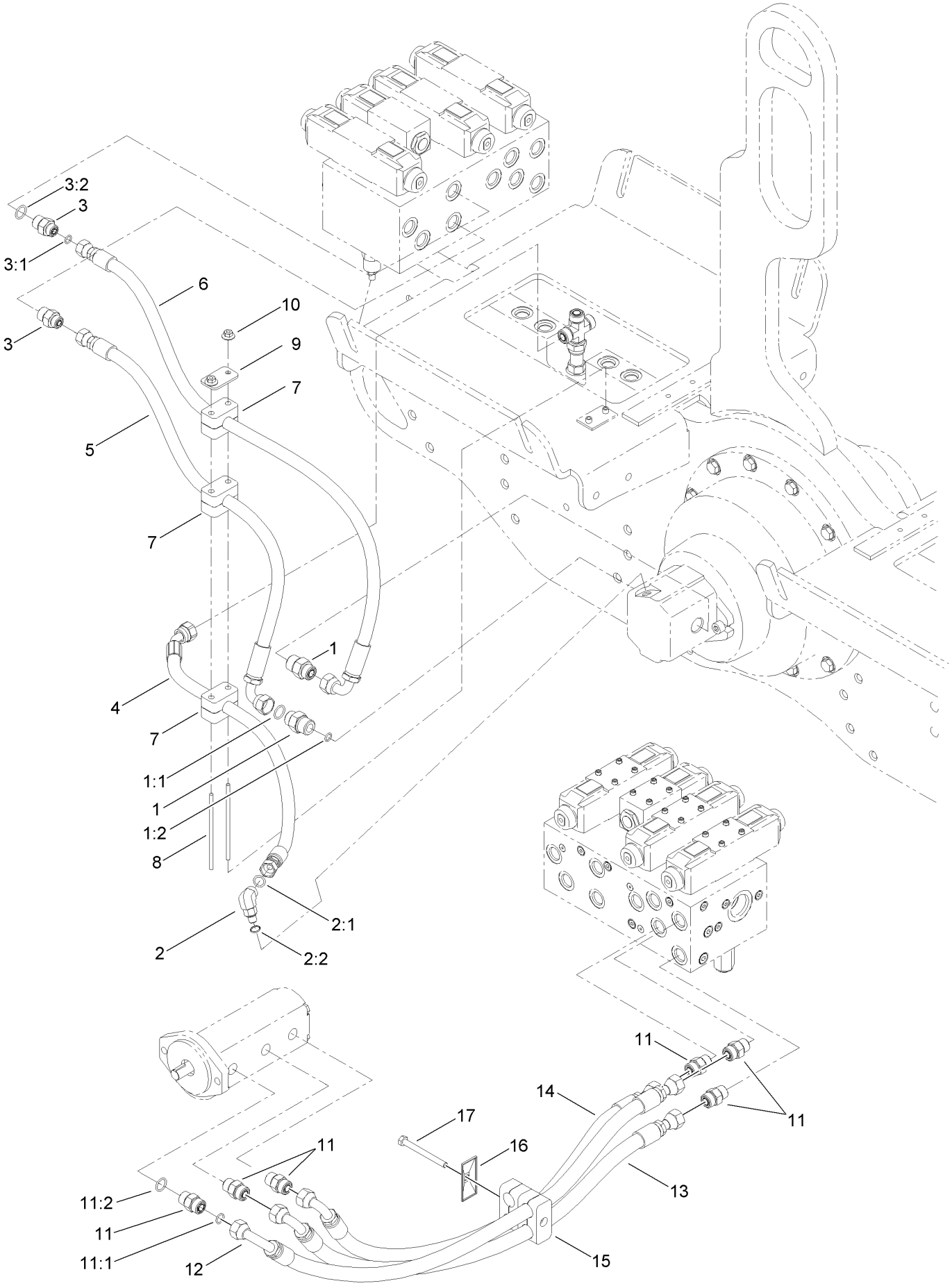
Hydraulic Routing Assembly
Main Frame



Hydraulic Routing Assembly
Main Frame (continued)

Ref.	Part Number	Qty.	Description
1	ST46912	1	Fitting-HYD
2	100-7670	1	Adapter-HYD
2:1	237-30	4	O-Ring
3	125-8577	1	HYD Tube ASM
4	340-98	7	Fitting-HYD, 90 DEG
4:1	237-79	1	O-Ring
4:2	237-30	1	O-Ring
5	125-8576	1	HYD Tube ASM
6	125-8578	2	HYD Tube ASM
7	125-8579	1	HYD Tube ASM
8	ST36493	4	Tube-Captivator
9	ST36484	4	Bracket-Captivator, HYD
10	33104-016	4	Screw-HHF
11	340-3	4	Adapter
11:1	237-22	1	O-Ring
11:2	237-79	1	O-Ring
12	340-4	2	Fitting-HYD, Straight
12:1	237-30	1	O-Ring
12:2	237-79	1	O-Ring
13	237-30	2	O-Ring
14	127-7498	1	Hose ASM
15	127-7499	1	Hose ASM
16	127-7500	1	Hose ASM
17	127-7501	1	Hose ASM

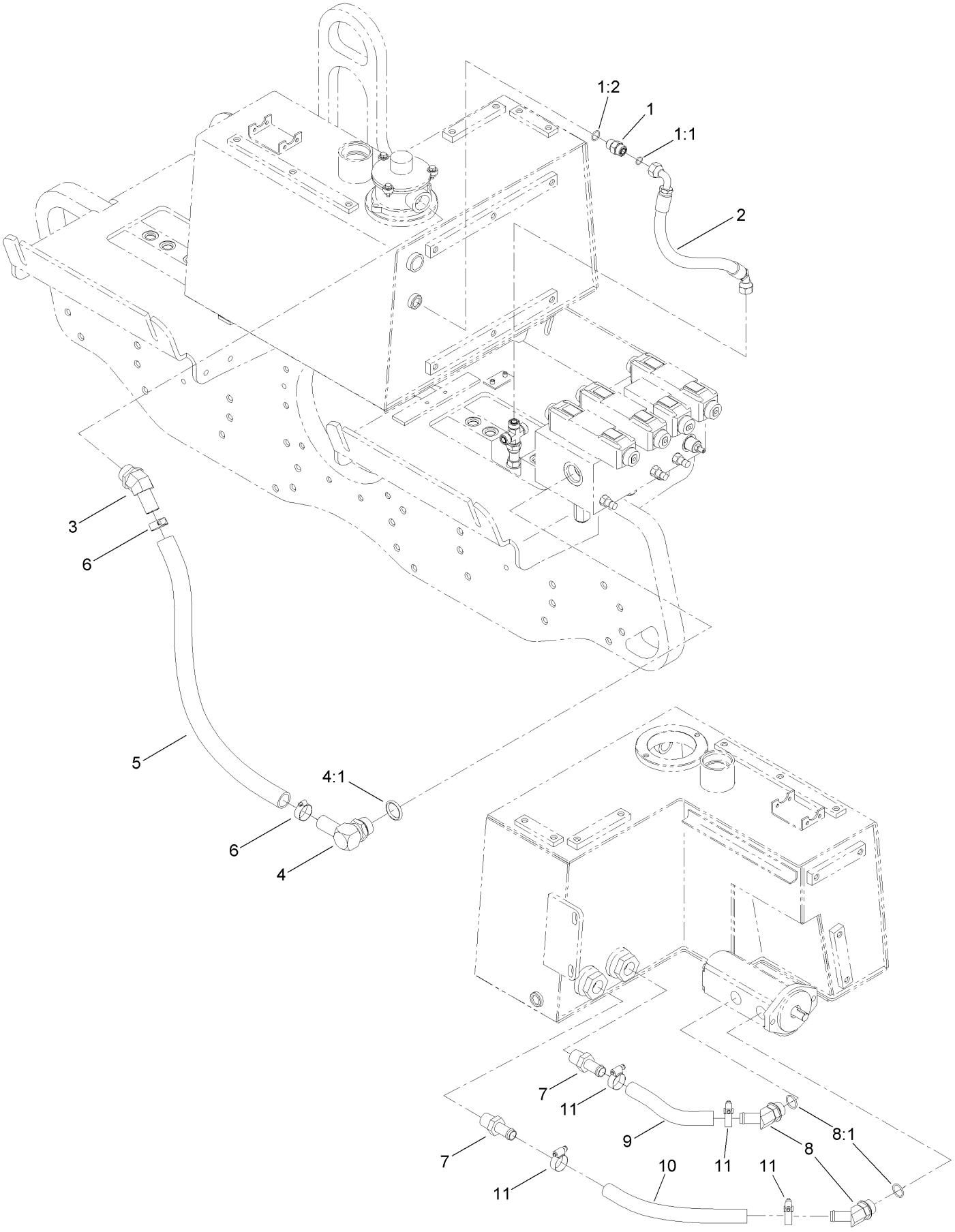
Hydraulic Routing Assembly
Wheel Motor and Manifold



Hydraulic Routing Assembly
Wheel Motor and Manifold (continued)

Ref.	Part Number	Qty.	Description
1	340-6	2	Fitting-HYD, Straight
1:1	237-30	1	O-Ring
1:2	237-80	1	O-Ring
2	340-97	1	Fitting-HYD, 90 DEG
2:1	237-22	1	O-Ring
2:2	237-78	1	O-Ring
3	340-3	2	Adapter
3:1	237-22	1	O-Ring
3:2	237-79	1	O-Ring
4	127-7483	1	Hose ASM
5	127-7486	1	Hose ASM
6	127-7481	1	Hose ASM
7	127-7522	3	Clamp-Hose
8	ST36591	2	Rod-Threaded
9	ST47452	1	Cover-Plate
10	116-8218	2	Nut-Hex Flange
11	340-4	6	Fitting-HYD, Straight
11:1	237-30	1	O-Ring
11:2	237-79	1	O-Ring
12	127-7502	1	Hose ASM
13	127-7485	1	Hose ASM
14	127-7484	1	Hose ASM
15	127-7523	2	Clamp-Hose, Dual Hose
16	ST47456	1	Cover-Plate, Dual Hose
17	322-20	1	Screw-HH

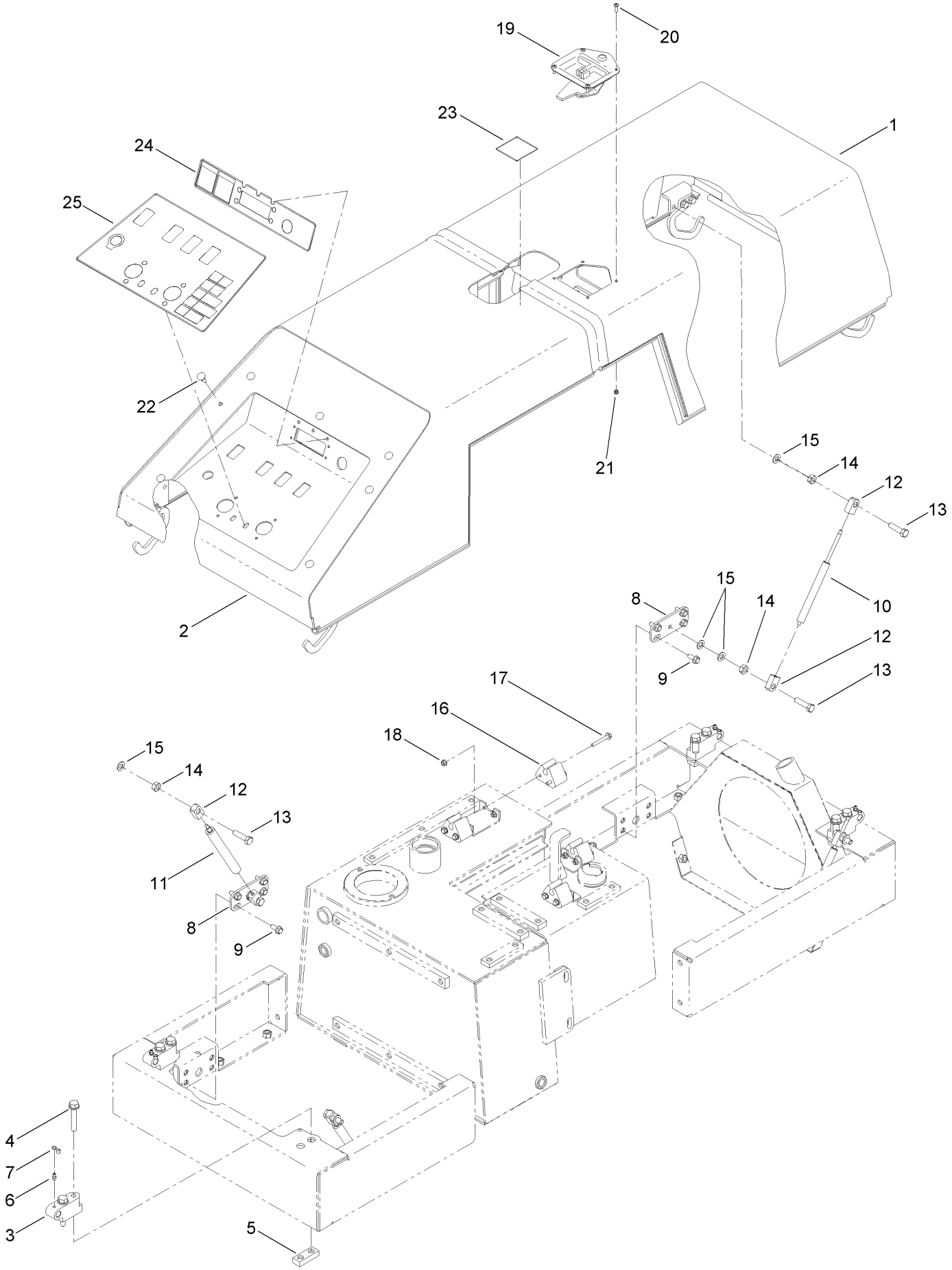
Hydraulic Routing Assembly
Tank Assembly



Hydraulic Routing Assembly
Tank Assembly (continued)

Ref.	Part Number	Qty.	Description
1	340-4	1	Fitting-HYD, Straight
1:1	237-30	1	O-Ring
1:2	237-79	1	O-Ring
2	127-7482	1	Hose ASM
3	ST46976	1	Elbow-45 DEG
4	23-8910	1	Stem-Barb, 90 DEG
4:1	237-146	1	O-Ring
5	127-7503	1	Hose
6	2412-34	2	Clamp-Hose
7	ST46518	2	Fitting-HYD
8	354-127	2	Elbow-45 DEG
8:1	237-81	1	O-Ring
9	127-7479	1	Hose
10	127-7480	1	Hose
11	2412-129	4	Clamp-Hose

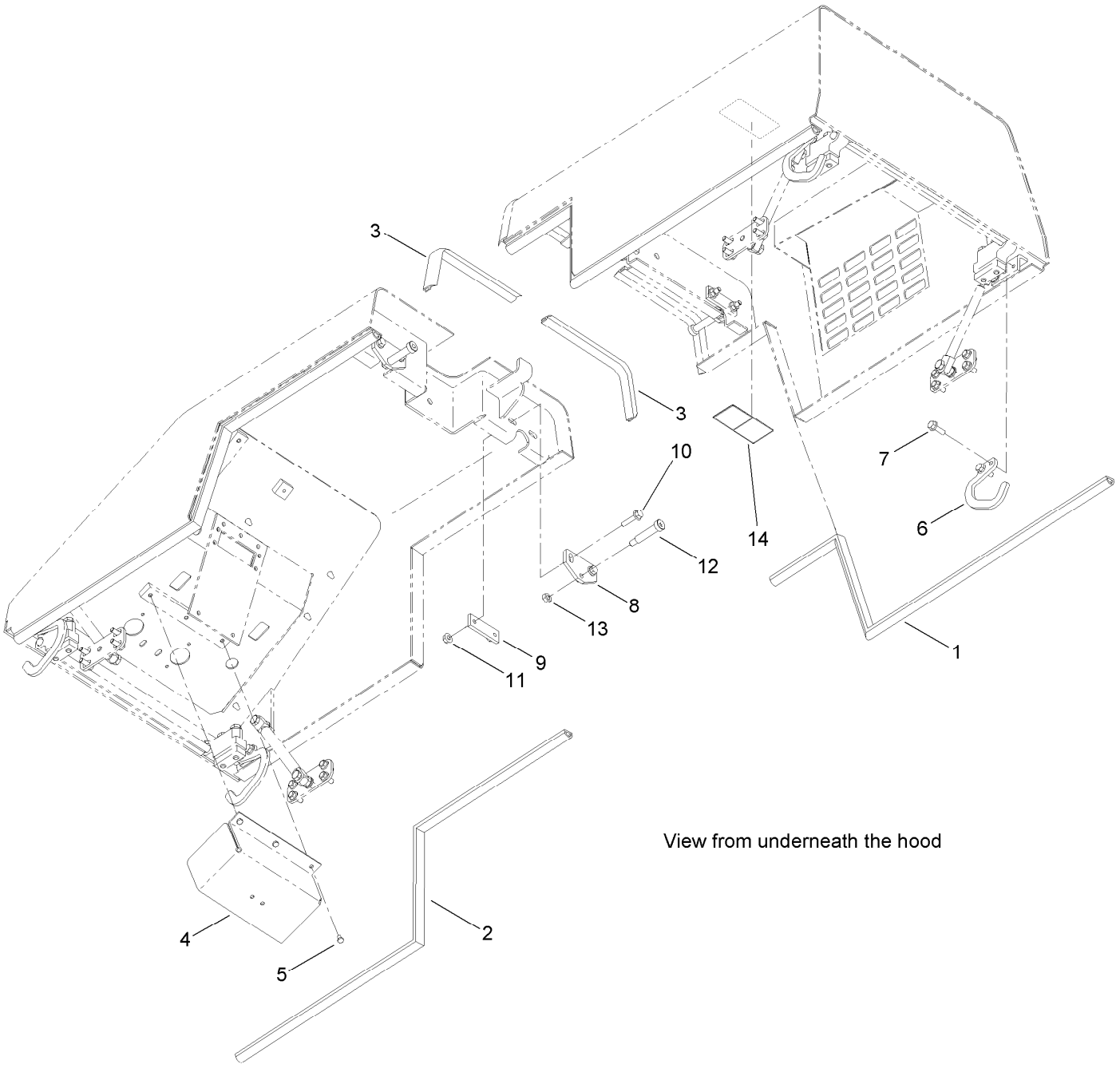
Hood Assembly



Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-2872	1	Hood-Engine
2	127-2871	1	Hood-Operator
3	ST39897	4	Block-Hinge, Hood
4	33105-060	8	Screw-HHF
5	ST36625	4	Plate-Hinge, Nut
6	ST46042	4	Fitting-Grease
7	ST47001	4	Cap-Plug
8	ST37489	4	Plate-Mounting, Gas Spring
9	98-9940	16	Screw
10	ST37492	2	Spring-Gas
11	ST37493	2	Spring-Gas
12	ST37483	8	Rod-End, Gas Spring
13	33115-040	8	Screw-HH
14	33015-00	8	Nut-Hex
15	33095-00	12	Washer-Flat
16	ST39378	4	Latch-Clip, Hood
17	33103-045	8	Screw-HHF
18	33003-00	8	Nut-HF
19	ST57608	1	Lock, T-Handle
20	ST81033	4	Screw-HSBH
21	ST80850	4	Nut
22	ST81187	7	Clip-Arrow, Nylon
23	125-4967	1	Decal-Lift Here
24	127-1656	1	Decal-Readout, Ignition
25	127-1660	1	Decal-Console

Hood Latch and Wear Strip Assembly



View from underneath the hood

Hood Latch and Wear Strip Assembly (continued)

Ref.	Part Number	Qty.	Description
1	ST47446	2	Strip-Wear
2	ST47447	2	Strip-Wear
3	ST36616	4	Gasket-Gripping, Self
4	ST50349-01	1	Cover-Switch, Control
5	42-9430	3	Screw-HH
6	ST36521	4	Bracket-Hood, Stop
7	33104-025	8	Screw-HHF
8	ST36595	4	Plate
9	ST36451	4	Plate-Backing, Lock
10	33104-035	8	Screw-HHF
11	33004-00	8	Nut-HF
12	ST81031	4	Screw-HSBH, Shoulder
13	3217-7	4	Nut-Hex
14	125-4963	1	Decal-Surface, Hot

Attachments and Accessories

For 68039 TR-34D Trench Roller

Product Name	Model/Part
24in Narrow Drum Conversion Kit	68069
Control Cover Kit	68070

Notes:



Count on it.